

Recombinant Human PPIG, His-tagged

Cat. No. PPIG-28674TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 1-175 of Human PPIG fused to a His tag at the N terminus; 195 aa, 21.6 kDa.
Species	Human
Source	E.coli
ProteinLength	1-175 a.a.
Description	Peptidyl-prolyl cis-trans isomerase G is an enzyme that in humans is encoded by the PPIG gene.
Conjugation	HIS
Tissue specificity	Ubiquitous.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, 20mM Tris HCl, 1mM DTT, pH 8.0
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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Sequences of amino acids

MGSSHHHHHH SSGLVPRGSH MGIKVQRPRC FFDIANNQP AGRVVFELFS
 DVCPKTCENF RCLCTGEKGT GKSTQKPLHY KSCLFHRVVKDFMVQGGDFS
 EGNRGGGESI YGGFFEDES AVKHNKEFLL SMANRGKDTN GSQFFITTKP
 TPHLDGHHVV FGQVISGQEV VREIENQKTD AASKPFAEVR ILSCG

Sequence Similarities

Contains 1 PPIase cyclophilin-type domain.

GENE INFORMATION

Gene Name PPIG peptidylprolyl isomerase G (cyclophilin G) [Homo sapiens]

Official Symbol PPIG

Synonyms PPIG; peptidylprolyl isomerase G (cyclophilin G); peptidyl prolyl isomerase G (cyclophilin G); peptidyl-prolyl cis-trans isomerase G; CARS Cyp; SCAF10; SR related CTD associated factor 10; SRCyp;

Gene ID 9360

mRNA Refseq NM_004792

Protein Refseq NP_004783

MIM 606093

Uniprot ID Q13427

Chromosome Location 2q31.1

Function cyclosporin A binding; isomerase activity; peptidyl-prolyl cis-trans isomerase activity;

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